

**ABSTRACT**

The present invention relates to an universal power supply apparatus wherein the power suitable for various kinds of portable electronic devices having different shapes and voltages of power input terminals is selectively supplied, and a power supply apparatus wherein a supplied voltage can be changed with only selection of a tip suitable for a portable electronic device. The power supply apparatus of the present invention includes a main unit having an electronic circuit for converting a received voltage, a cable, and a tip having a select pin. According to the present invention, as a desired power supply voltage is automatically adjusted by selecting a proper tip according to a subject electronic device, a manufacture cost is reduced. Further, as the power supply apparatus of the present invention can be used for various kinds of portable electronic devices by exchanging a tip, its operation is very easy.